

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052819\
 Data File : PQ040330.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2019 23:33
 Operator : SM\AJ
 Sample : K3049-02MS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BFHJ1MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 01:46:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 23 04:10:58 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	5.596	4.736	48107667	36096798	14.685	16.807
2)	SA Decachlor...	11.898	10.451	229.7E6	138.5E6	32.152	33.298
Target Compounds							
3)	L1 AR-1016-1	7.067	6.178	57228729	27082134	342.088	211.121 #
4)	L1 AR-1016-2	7.067	6.199	57228729	41293424	217.681	213.941
5)	L1 AR-1016-3	7.138	6.413	34450168	22019984	201.843	204.173
6)	L1 AR-1016-4	7.252	6.466	26724908	22265255	193.345	261.486 #
7)	L1 AR-1016-5	7.583	6.718	23259111	25268386	167.664	219.458 #
8)	L2 AR-1221-1	5.877	5.035	1313426	1823830	37.481	74.421 #
9)	L2 AR-1221-2	5.988	5.153	3672182	2780426	166.675	170.707
10)	L2 AR-1221-3	6.084	5.257	15576021	11390362	176.317	187.321
11)	L3 AR-1232-1	6.084	5.257	15576021	11390362	240.490	248.572
12)	L3 AR-1232-2	6.726	6.199	38103670	41293424	961.058	688.379 #
13)	L3 AR-1232-3	7.067	6.413	57228729	22019984	708.169	626.140
14)	L3 AR-1232-4	7.252	6.514	26724908	24674036	639.376	835.042 #
15)	L3 AR-1232-5	7.355	6.718	28814718	25268386	909.197	839.359
16)	L4 AR-1242-1	7.067	6.178	57228729	27082134	590.255	366.232 #
17)	L4 AR-1242-2	7.067	6.199	57228729	41293424	395.997	387.879
18)	L4 AR-1242-3	7.138	6.413	34450168	22019984	370.072	365.026
19)	L4 AR-1242-4	7.252	6.514	26724908	24674036	355.334	413.991
20)	L4 AR-1242-5	8.071	7.125	4556200	20959407	52.555	260.080 #
21)	L5 AR-1248-1	7.067	6.178	57228729	27082134	739.366	469.985 #
22)	L5 AR-1248-2	7.355	6.466	28814718	22265255	255.830	253.246
23)	L5 AR-1248-3	7.583	6.514	23259111	24674036	168.511	272.691 #
24)	L5 AR-1248-4	8.030	6.718	4412778	25268386	29.230	228.819 #
25)	L5 AR-1248-5	8.071	7.173	4556200	3317318	30.262	29.218
26)	L6 AR-1254-1	8.030	7.125	4412778	20959407	25.303	109.428 #
27)	L6 AR-1254-2	8.235	7.293	27591471	21334757	99.769	122.804
28)	L6 AR-1254-3	8.631	7.753	13306875	40026662	44.837	138.509 #
29)	L6 AR-1254-4	8.930	7.990	8979772	3586519	43.208	20.087 #
30)	L6 AR-1254-5	9.400	8.433	15049118	84878618	52.255	329.459 #
31)	L7 AR-1260-1	8.801	7.880	69466616	60546592	208.979	220.862
32)	L7 AR-1260-2	9.070	8.084	83182834	74781265	205.915	216.183
33)	L7 AR-1260-3	9.444	8.247	64812675	70408240	196.469	219.542
34)	L7 AR-1260-4	9.682	8.743	72893900	54351174	197.795	200.027
35)	L7 AR-1260-5	10.022	8.997	145.1E6	133.3E6	188.378	198.359
36)	L8 AR-1262-1	9.504	8.527	37189350	31746198	267.523	279.587
37)	L8 AR-1262-2	10.022	8.997	145.1E6	133.3E6	250.649	268.740
38)	L8 AR-1262-3	10.369	9.287	66665951	25736485	157.671	122.408
39)	L8 AR-1262-4	10.424	9.355	72587587	103.7E6	192.185	273.943 #
40)	L8 AR-1262-5	11.130	9.876	43246300	31127890	184.058	191.991
41)	L9 AR-1268-1	10.369	9.287	66665951	25736485	110.672	56.398 #

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 ALS Vial : 38 Sample Multiplier: 1

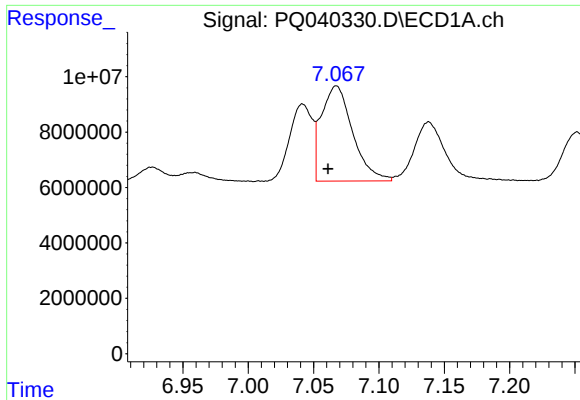
Instrument :
 ECD_Q
 ClientSampleId :
 BFHJ1MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 01:46:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052219CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	10.424	9.355	72587587	103.7E6	117.968	237.249 #
43) L9	AR-1268-3	10.675	9.563	4826723	2525016	8.886	6.726
44) L9	AR-1268-4	11.130	9.876	43246300	31127890	212.030	225.917
45) L9	AR-1268-5	11.556	10.184	18822290	12138630	10.186	10.285

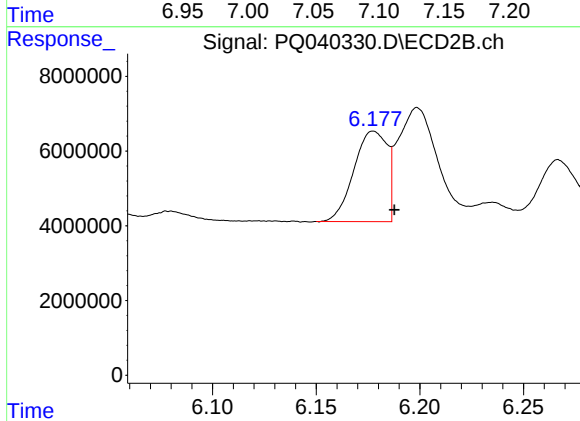
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

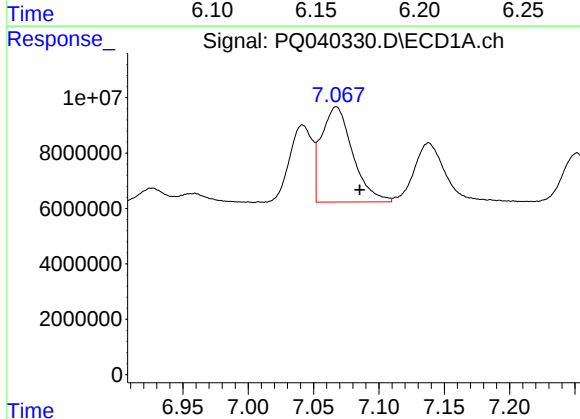
R.T.: 7.067 min
Delta R.T.: 0.006 min
Response: 57228729
Conc: 342.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MS



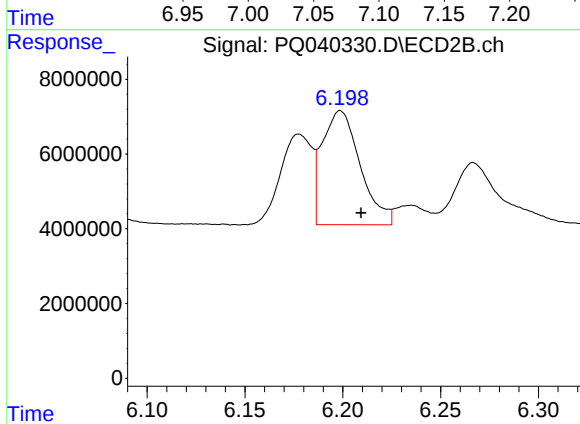
#3 AR-1016-1

R.T.: 6.178 min
Delta R.T.: -0.010 min
Response: 27082134
Conc: 211.12 ng/ml



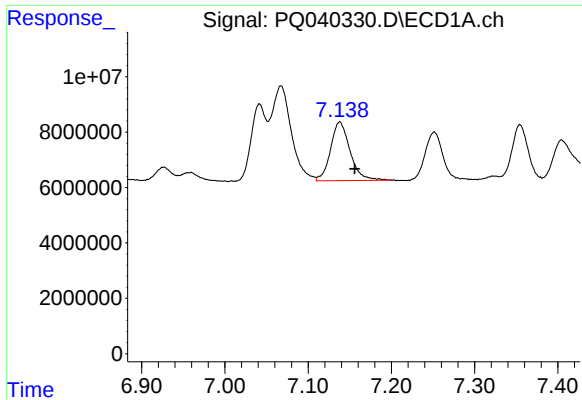
#4 AR-1016-2

R.T.: 7.067 min
Delta R.T.: -0.018 min
Response: 57228729
Conc: 217.68 ng/ml



#4 AR-1016-2

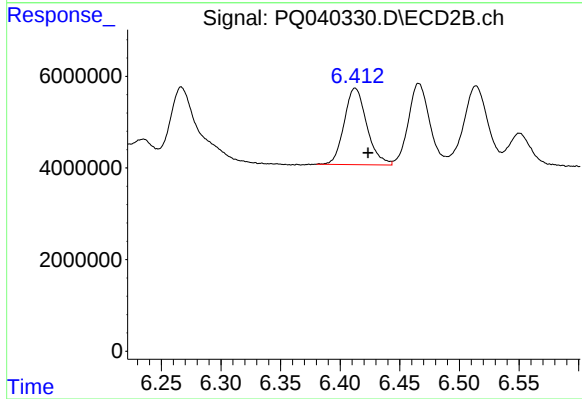
R.T.: 6.199 min
Delta R.T.: -0.010 min
Response: 41293424
Conc: 213.94 ng/ml



#5 AR-1016-3

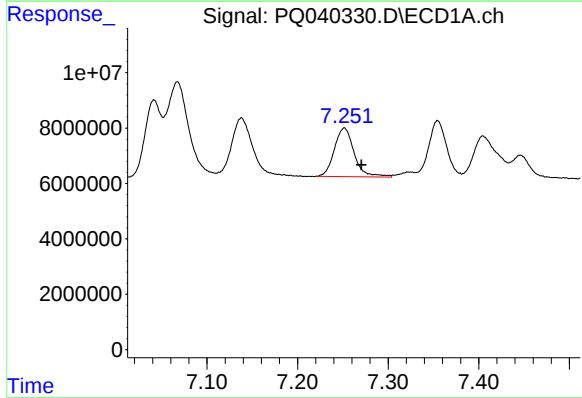
R.T.: 7.138 min
Delta R.T.: -0.018 min
Response: 34450168
Conc: 201.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MS



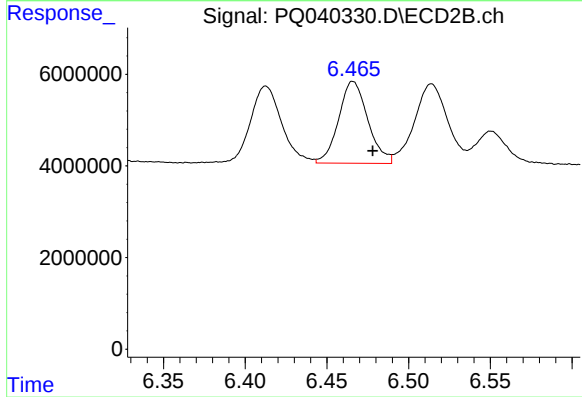
#5 AR-1016-3

R.T.: 6.413 min
Delta R.T.: -0.011 min
Response: 22019984
Conc: 204.17 ng/ml



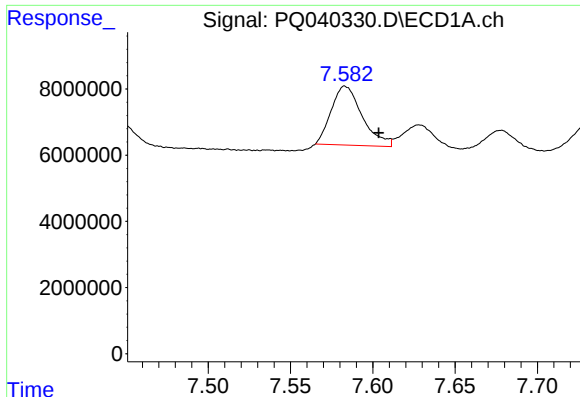
#6 AR-1016-4

R.T.: 7.252 min
Delta R.T.: -0.019 min
Response: 26724908
Conc: 193.34 ng/ml



#6 AR-1016-4

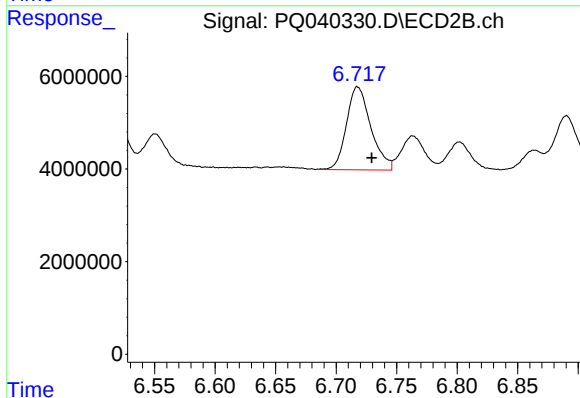
R.T.: 6.466 min
Delta R.T.: -0.012 min
Response: 22265255
Conc: 261.49 ng/ml



#7 AR-1016-5

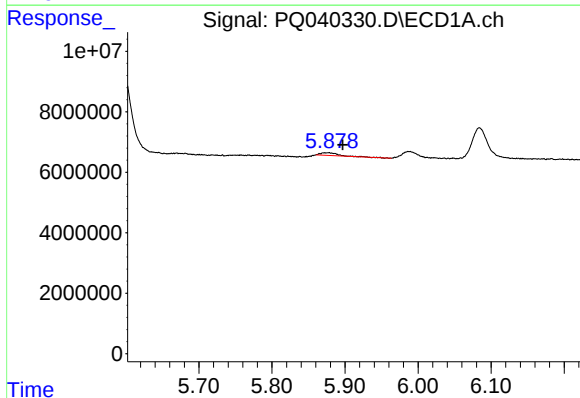
R.T.: 7.583 min
Delta R.T.: -0.020 min
Response: 23259111
Conc: 167.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MS



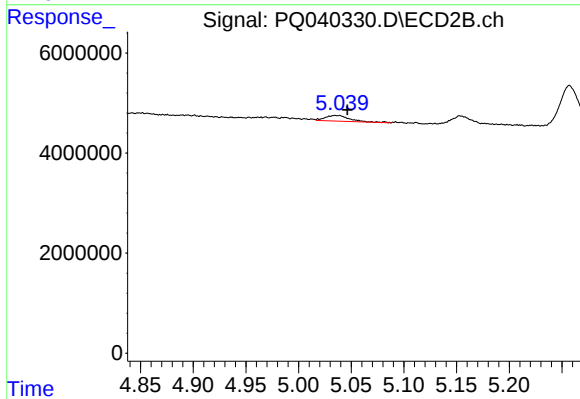
#7 AR-1016-5

R.T.: 6.718 min
Delta R.T.: -0.012 min
Response: 25268386
Conc: 219.46 ng/ml



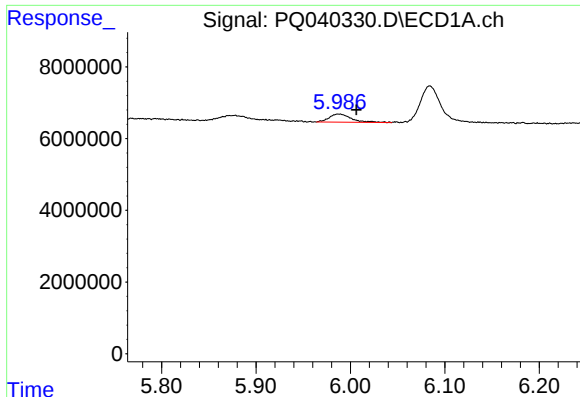
#8 AR-1221-1

R.T.: 5.877 min
Delta R.T.: -0.019 min
Response: 1313426
Conc: 37.48 ng/ml



#8 AR-1221-1

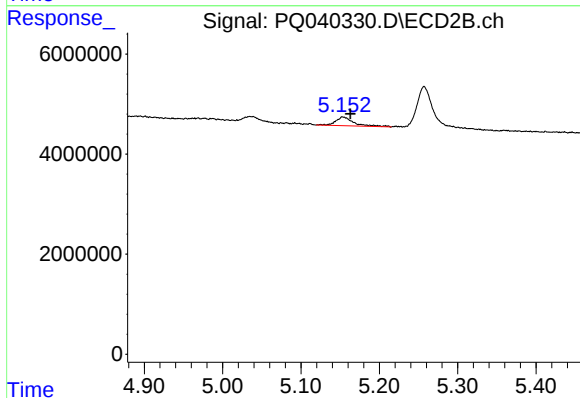
R.T.: 5.035 min
Delta R.T.: -0.011 min
Response: 1823830
Conc: 74.42 ng/ml



#9 AR-1221-2

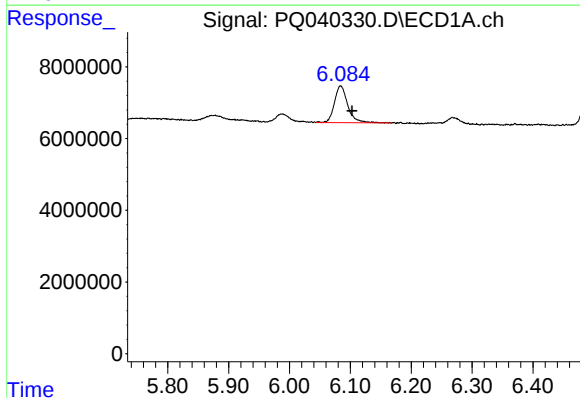
R.T.: 5.988 min
Delta R.T.: -0.019 min
Response: 3672182
Conc: 166.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MS



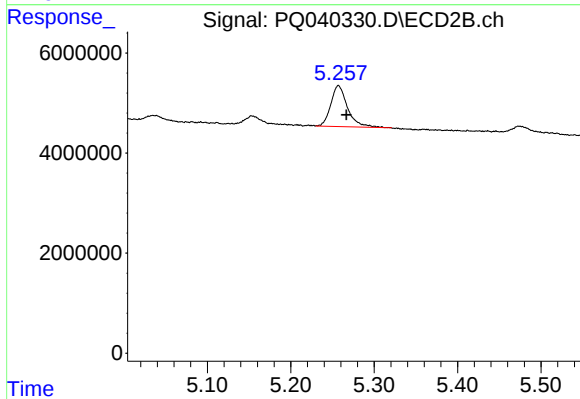
#9 AR-1221-2

R.T.: 5.153 min
Delta R.T.: -0.010 min
Response: 2780426
Conc: 170.71 ng/ml



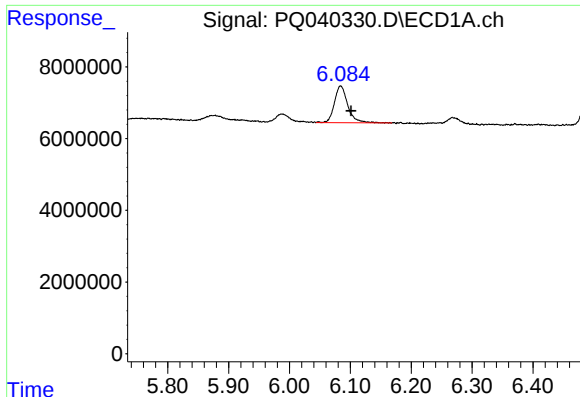
#10 AR-1221-3

R.T.: 6.084 min
Delta R.T.: -0.019 min
Response: 15576021
Conc: 176.32 ng/ml



#10 AR-1221-3

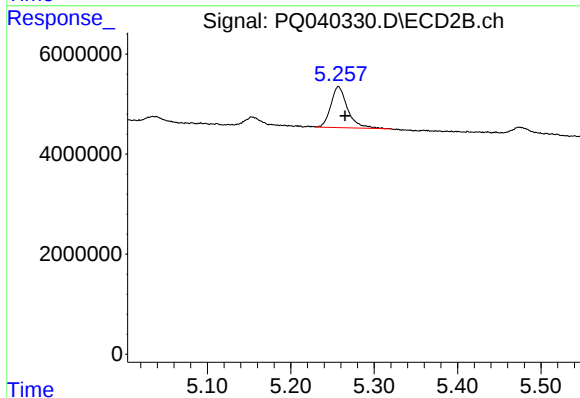
R.T.: 5.257 min
Delta R.T.: -0.009 min
Response: 11390362
Conc: 187.32 ng/ml



#11 AR-1232-1

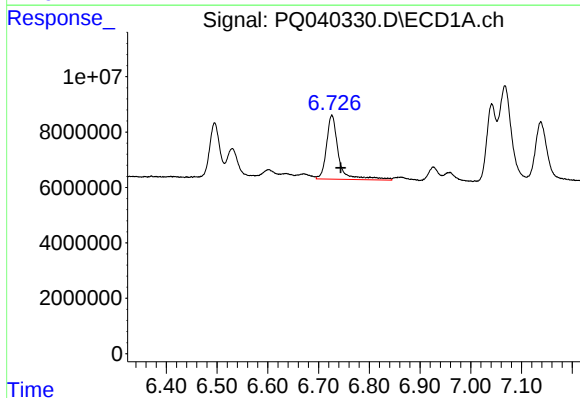
R.T.: 6.084 min
Delta R.T.: -0.017 min
Response: 15576021
Conc: 240.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MS



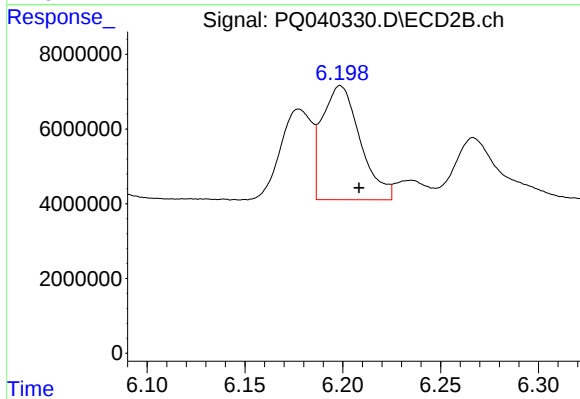
#11 AR-1232-1

R.T.: 5.257 min
Delta R.T.: -0.008 min
Response: 11390362
Conc: 248.57 ng/ml



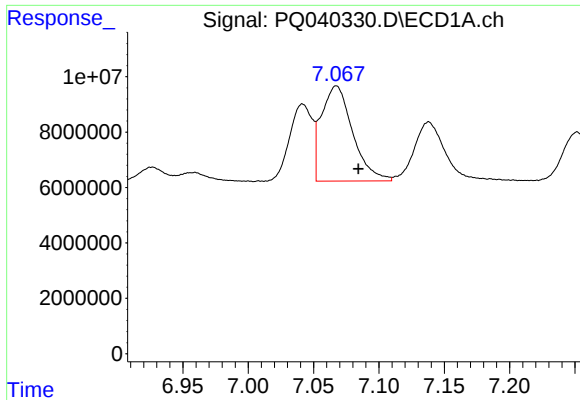
#12 AR-1232-2

R.T.: 6.726 min
Delta R.T.: -0.017 min
Response: 38103670
Conc: 961.06 ng/ml



#12 AR-1232-2

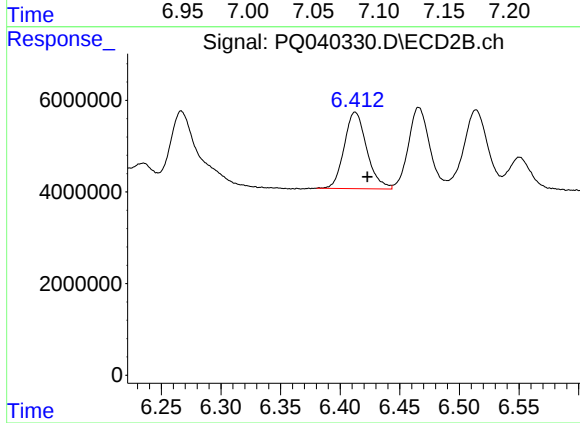
R.T.: 6.199 min
Delta R.T.: -0.010 min
Response: 41293424
Conc: 688.38 ng/ml



#13 AR-1232-3

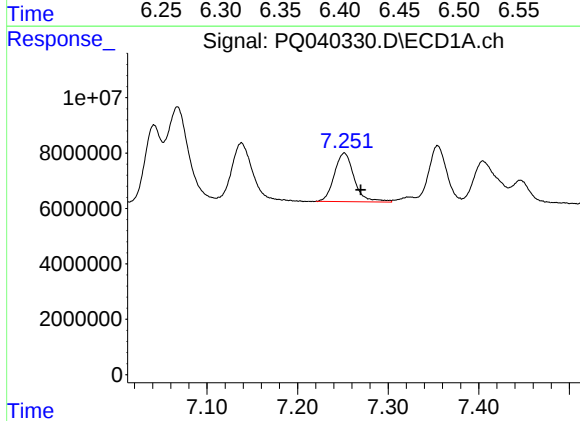
R.T.: 7.067 min
Delta R.T.: -0.017 min
Response: 57228729
Conc: 708.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MS



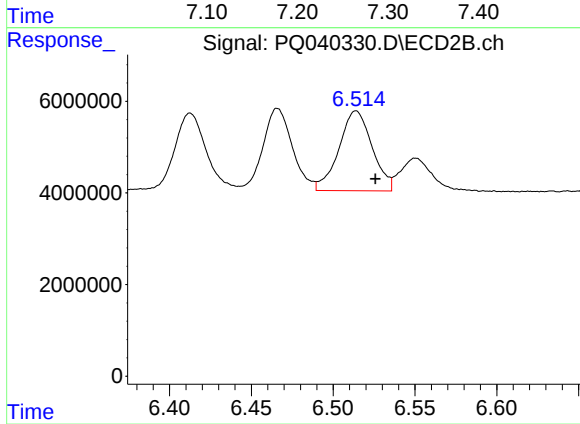
#13 AR-1232-3

R.T.: 6.413 min
Delta R.T.: -0.010 min
Response: 22019984
Conc: 626.14 ng/ml



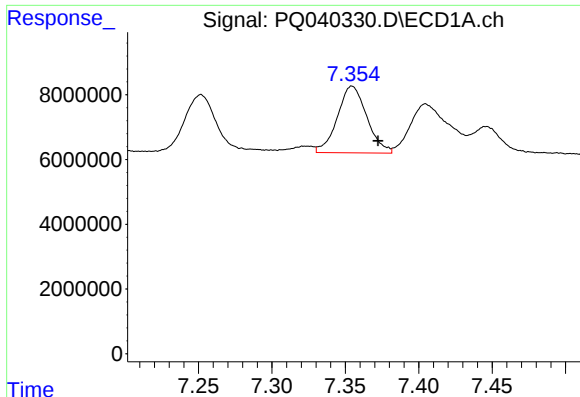
#14 AR-1232-4

R.T.: 7.252 min
Delta R.T.: -0.018 min
Response: 26724908
Conc: 639.38 ng/ml



#14 AR-1232-4

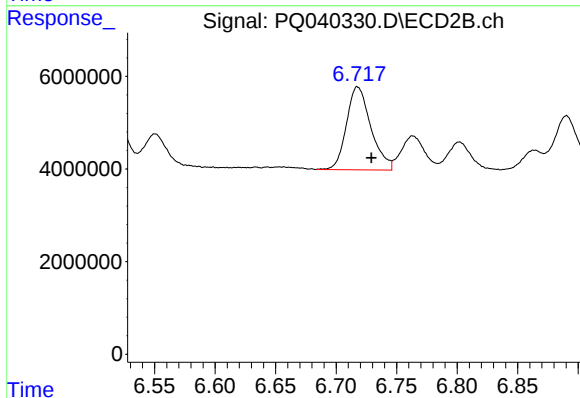
R.T.: 6.514 min
Delta R.T.: -0.012 min
Response: 24674036
Conc: 835.04 ng/ml



#15 AR-1232-5

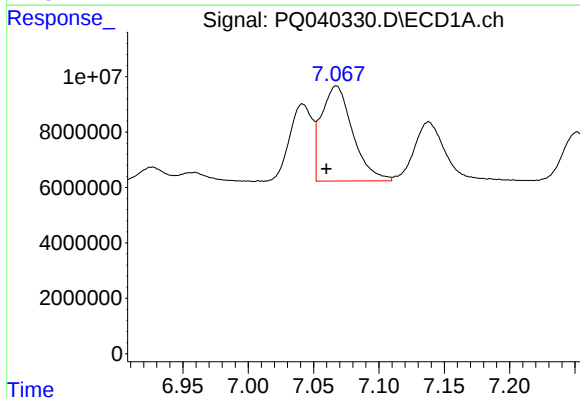
R.T.: 7.355 min
Delta R.T.: -0.018 min
Response: 28814718
Conc: 909.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MS



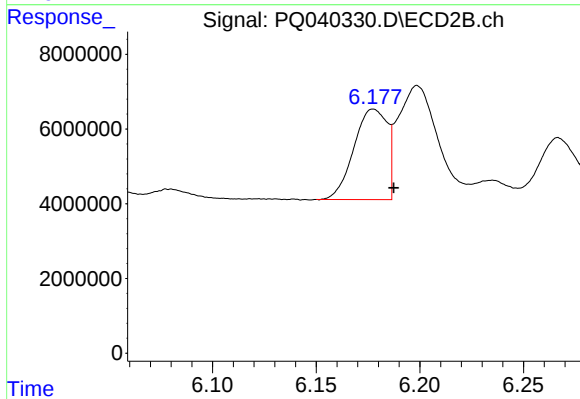
#15 AR-1232-5

R.T.: 6.718 min
Delta R.T.: -0.011 min
Response: 25268386
Conc: 839.36 ng/ml



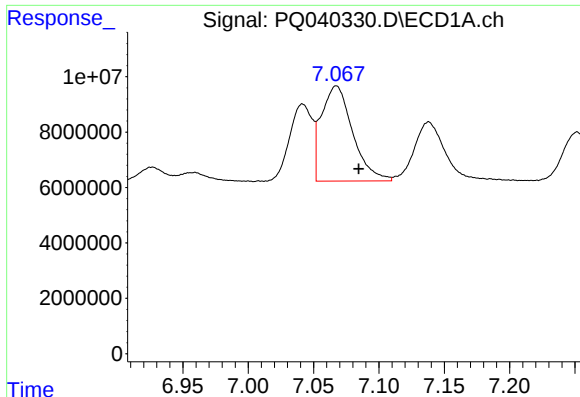
#16 AR-1242-1

R.T.: 7.067 min
Delta R.T.: 0.008 min
Response: 57228729
Conc: 590.25 ng/ml



#16 AR-1242-1

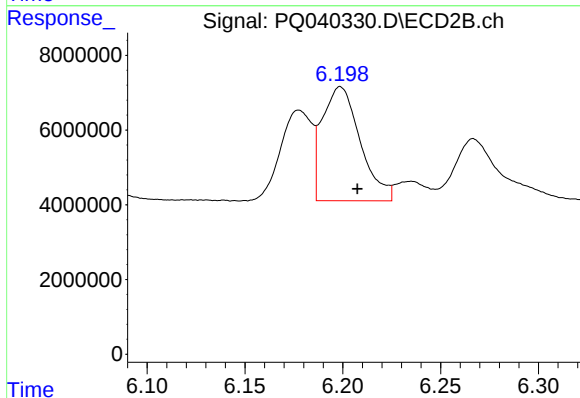
R.T.: 6.178 min
Delta R.T.: -0.010 min
Response: 27082134
Conc: 366.23 ng/ml



#17 AR-1242-2

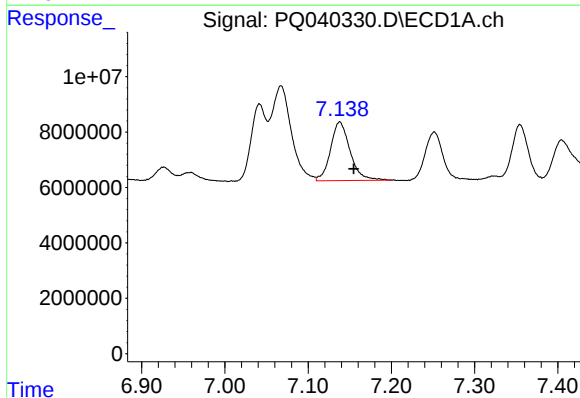
R.T.: 7.067 min
Delta R.T.: -0.017 min
Response: 57228729
Conc: 396.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MS



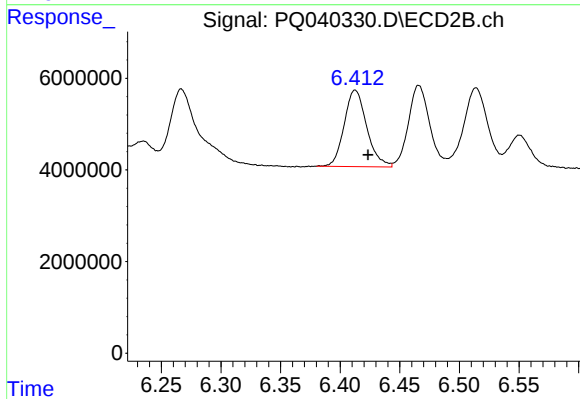
#17 AR-1242-2

R.T.: 6.199 min
Delta R.T.: -0.009 min
Response: 41293424
Conc: 387.88 ng/ml



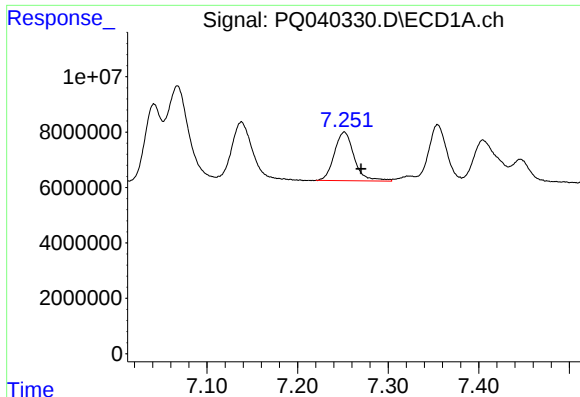
#18 AR-1242-3

R.T.: 7.138 min
Delta R.T.: -0.017 min
Response: 34450168
Conc: 370.07 ng/ml



#18 AR-1242-3

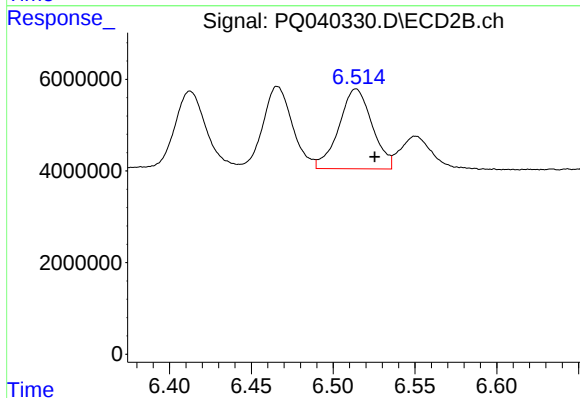
R.T.: 6.413 min
Delta R.T.: -0.011 min
Response: 22019984
Conc: 365.03 ng/ml



#19 AR-1242-4

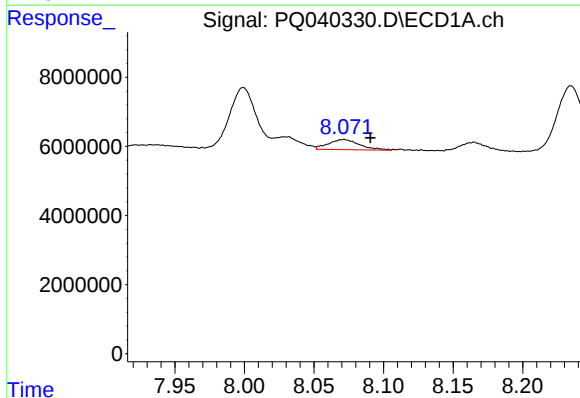
R.T.: 7.252 min
Delta R.T.: -0.018 min
Response: 26724908
Conc: 355.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MS



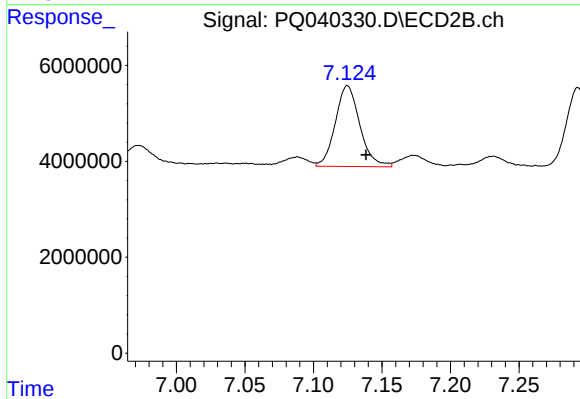
#19 AR-1242-4

R.T.: 6.514 min
Delta R.T.: -0.011 min
Response: 24674036
Conc: 413.99 ng/ml



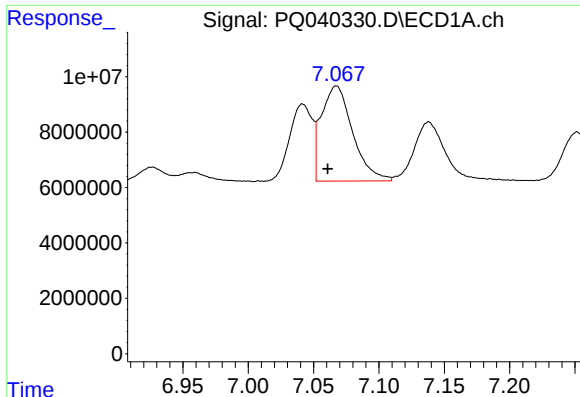
#20 AR-1242-5

R.T.: 8.071 min
Delta R.T.: -0.019 min
Response: 4556200
Conc: 52.56 ng/ml



#20 AR-1242-5

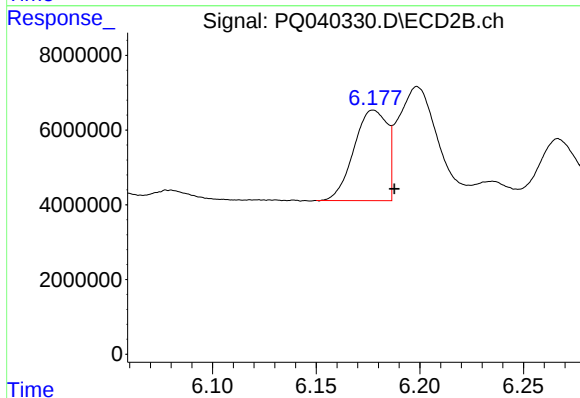
R.T.: 7.125 min
Delta R.T.: -0.014 min
Response: 20959407
Conc: 260.08 ng/ml



#21 AR-1248-1

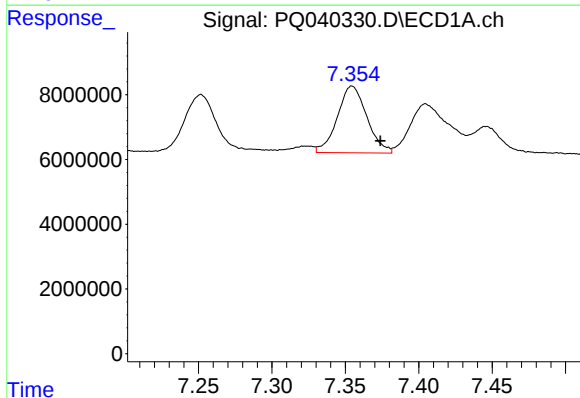
R.T.: 7.067 min
Delta R.T.: 0.007 min
Response: 57228729
Conc: 739.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MS



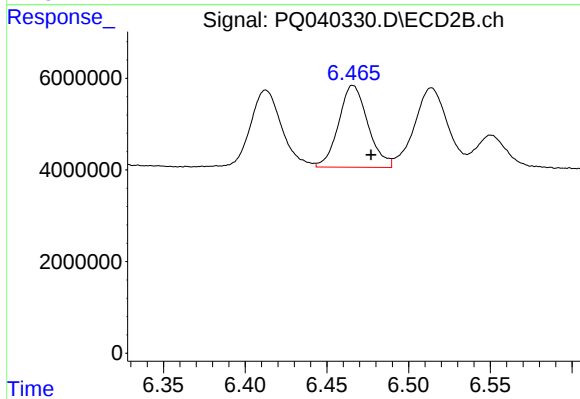
#21 AR-1248-1

R.T.: 6.178 min
Delta R.T.: -0.010 min
Response: 27082134
Conc: 469.99 ng/ml



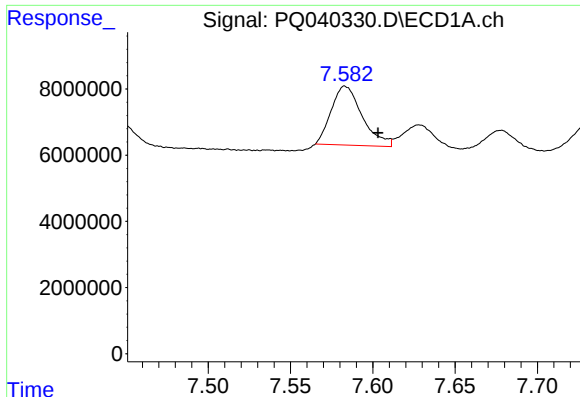
#22 AR-1248-2

R.T.: 7.355 min
Delta R.T.: -0.019 min
Response: 28814718
Conc: 255.83 ng/ml



#22 AR-1248-2

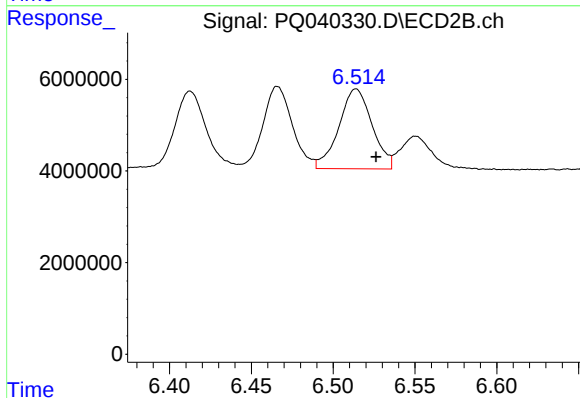
R.T.: 6.466 min
Delta R.T.: -0.011 min
Response: 22265255
Conc: 253.25 ng/ml



#23 AR-1248-3

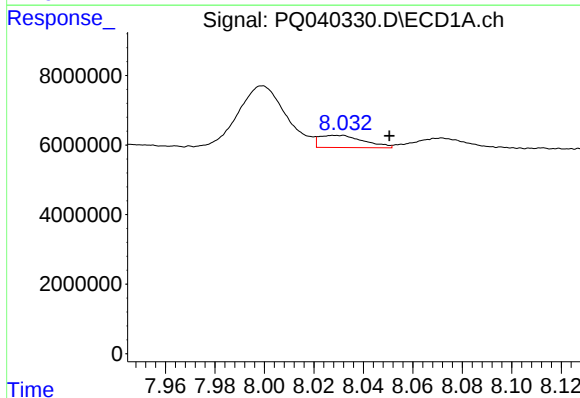
R.T.: 7.583 min
Delta R.T.: -0.020 min
Response: 23259111
Conc: 168.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MS



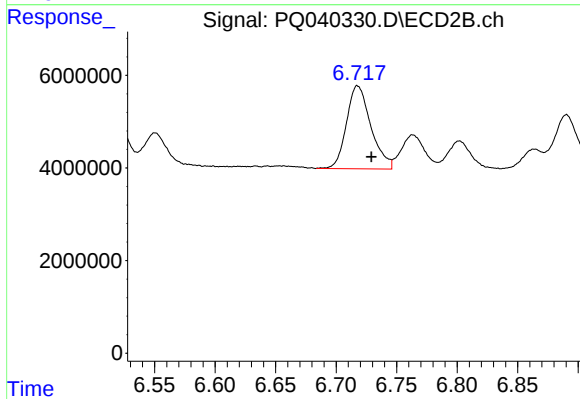
#23 AR-1248-3

R.T.: 6.514 min
Delta R.T.: -0.012 min
Response: 24674036
Conc: 272.69 ng/ml



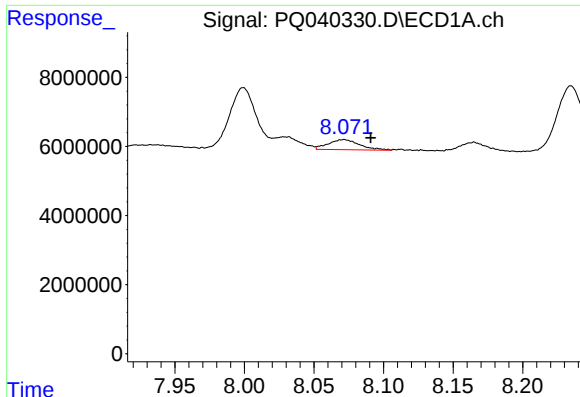
#24 AR-1248-4

R.T.: 8.030 min
Delta R.T.: -0.021 min
Response: 4412778
Conc: 29.23 ng/ml



#24 AR-1248-4

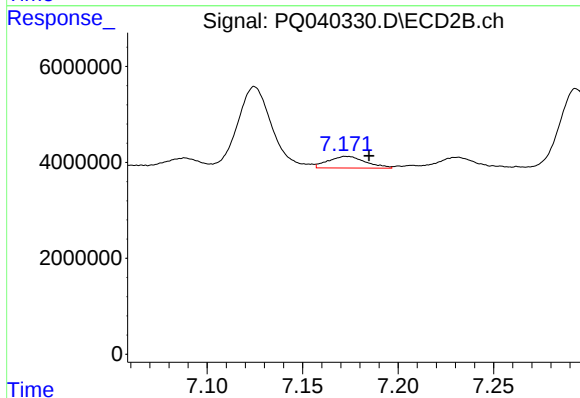
R.T.: 6.718 min
Delta R.T.: -0.011 min
Response: 25268386
Conc: 228.82 ng/ml



#25 AR-1248-5

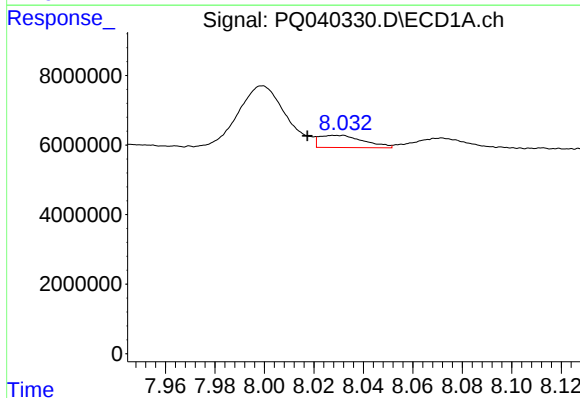
R.T.: 8.071 min
Delta R.T.: -0.019 min
Response: 4556200
Conc: 30.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MS



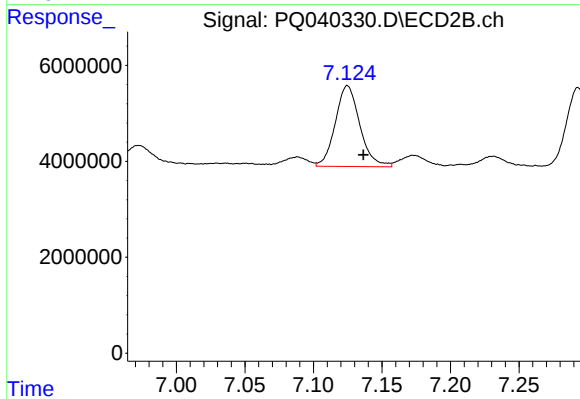
#25 AR-1248-5

R.T.: 7.173 min
Delta R.T.: -0.012 min
Response: 3317318
Conc: 29.22 ng/ml



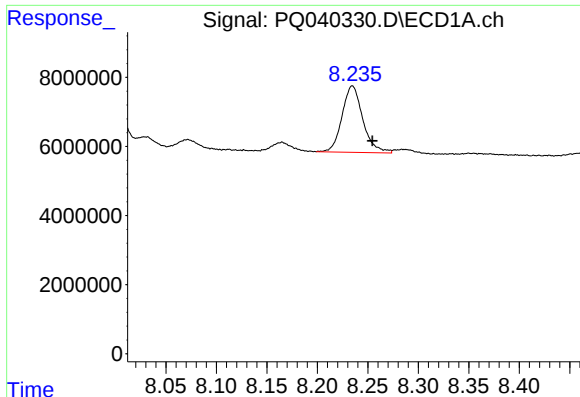
#26 AR-1254-1

R.T.: 8.030 min
Delta R.T.: 0.012 min
Response: 4412778
Conc: 25.30 ng/ml



#26 AR-1254-1

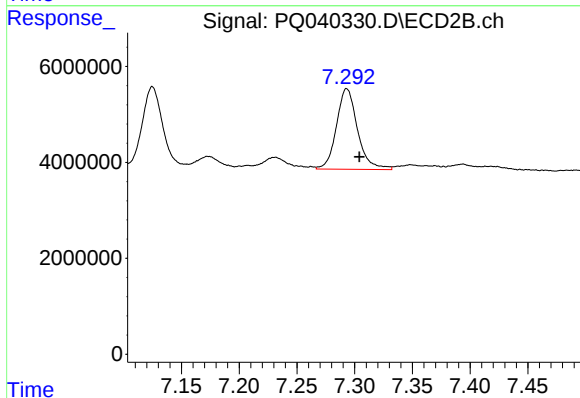
R.T.: 7.125 min
Delta R.T.: -0.011 min
Response: 20959407
Conc: 109.43 ng/ml



#27 AR-1254-2

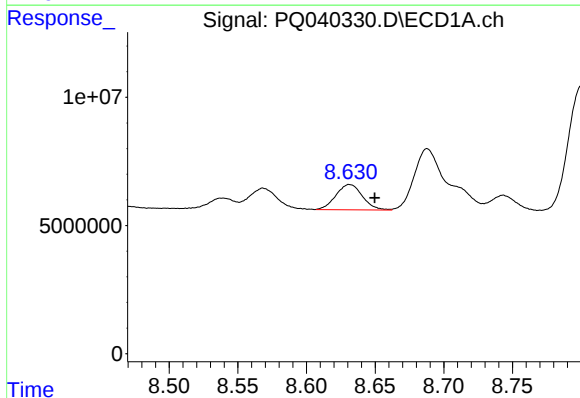
R.T.: 8.235 min
Delta R.T.: -0.020 min
Response: 27591471
Conc: 99.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MS



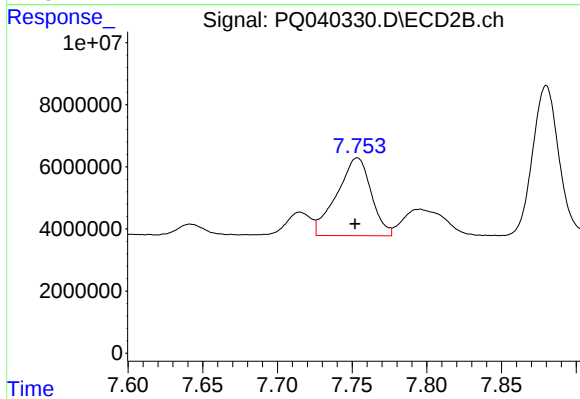
#27 AR-1254-2

R.T.: 7.293 min
Delta R.T.: -0.011 min
Response: 21334757
Conc: 122.80 ng/ml



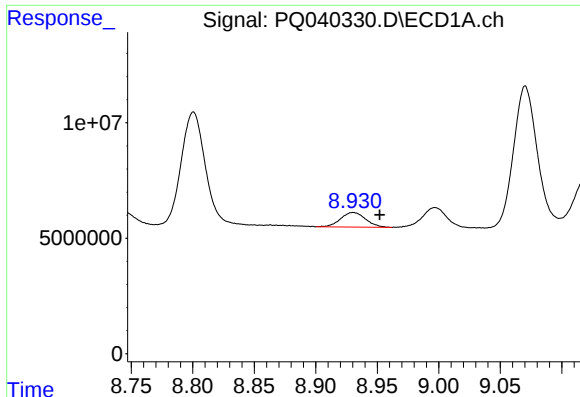
#28 AR-1254-3

R.T.: 8.631 min
Delta R.T.: -0.018 min
Response: 13306875
Conc: 44.84 ng/ml



#28 AR-1254-3

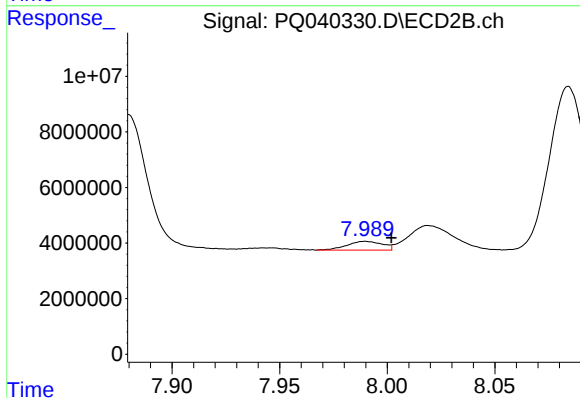
R.T.: 7.753 min
Delta R.T.: 0.001 min
Response: 40026662
Conc: 138.51 ng/ml



#29 AR-1254-4

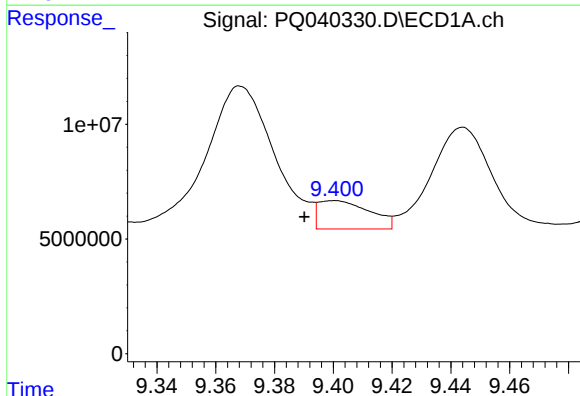
R.T.: 8.930 min
Delta R.T.: -0.021 min
Response: 8979772
Conc: 43.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MS



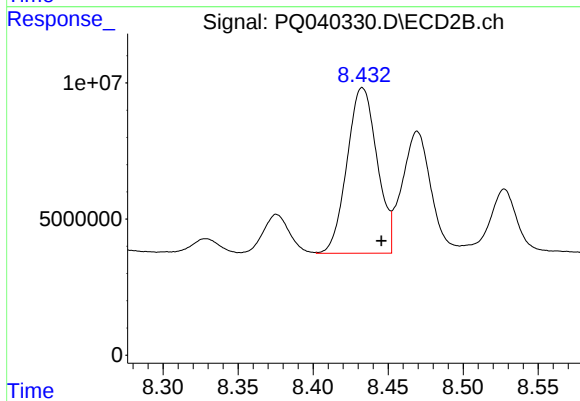
#29 AR-1254-4

R.T.: 7.990 min
Delta R.T.: -0.012 min
Response: 3586519
Conc: 20.09 ng/ml



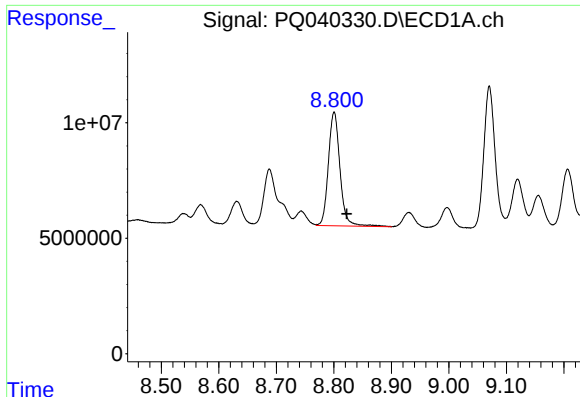
#30 AR-1254-5

R.T.: 9.400 min
Delta R.T.: 0.010 min
Response: 15049118
Conc: 52.26 ng/ml



#30 AR-1254-5

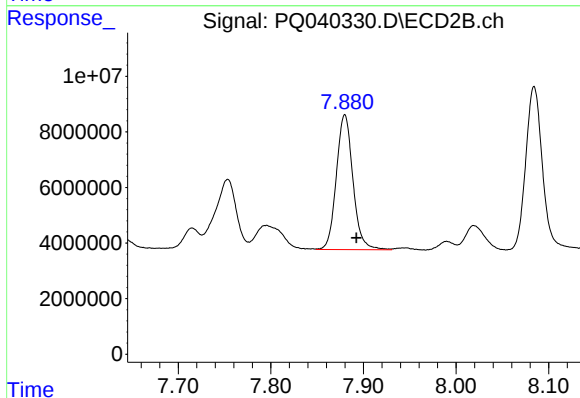
R.T.: 8.433 min
Delta R.T.: -0.013 min
Response: 84878618
Conc: 329.46 ng/ml



#31 AR-1260-1

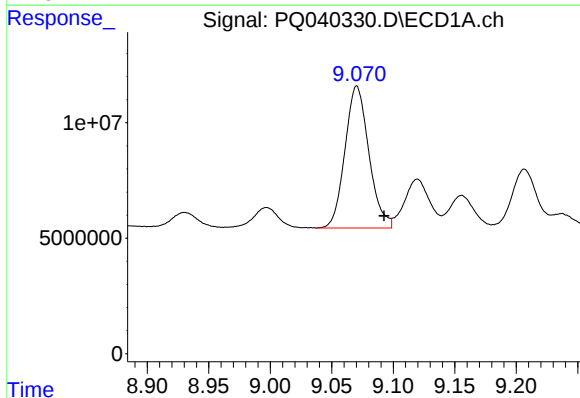
R.T.: 8.801 min
Delta R.T.: -0.022 min
Response: 69466616
Conc: 208.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MS



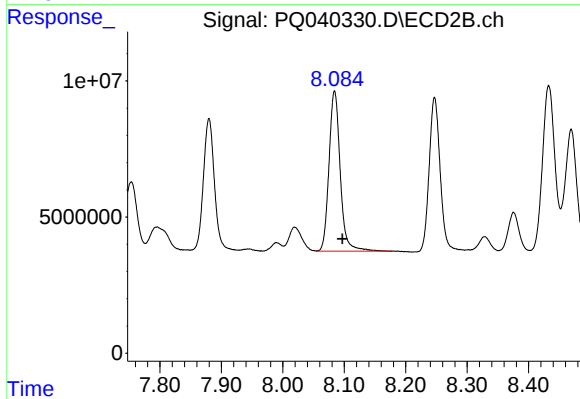
#31 AR-1260-1

R.T.: 7.880 min
Delta R.T.: -0.012 min
Response: 60546592
Conc: 220.86 ng/ml



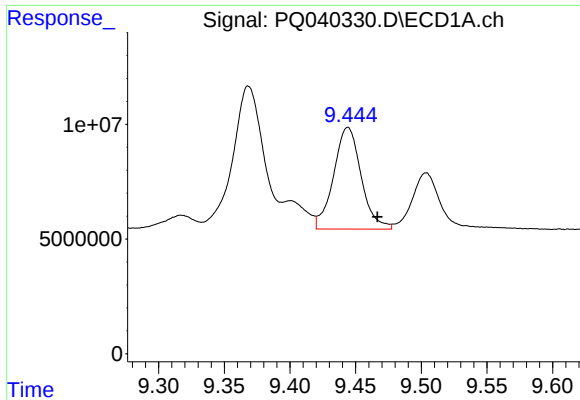
#32 AR-1260-2

R.T.: 9.070 min
Delta R.T.: -0.022 min
Response: 83182834
Conc: 205.91 ng/ml



#32 AR-1260-2

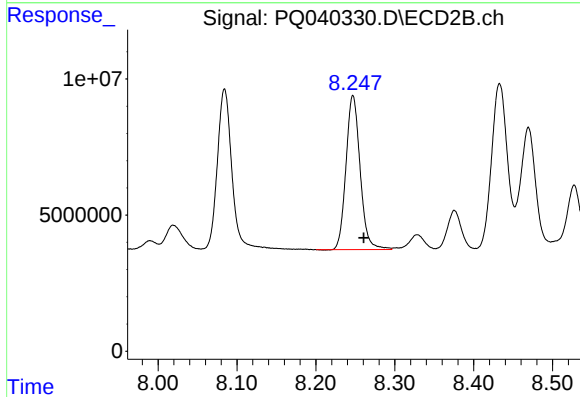
R.T.: 8.084 min
Delta R.T.: -0.013 min
Response: 74781265
Conc: 216.18 ng/ml



#33 AR-1260-3

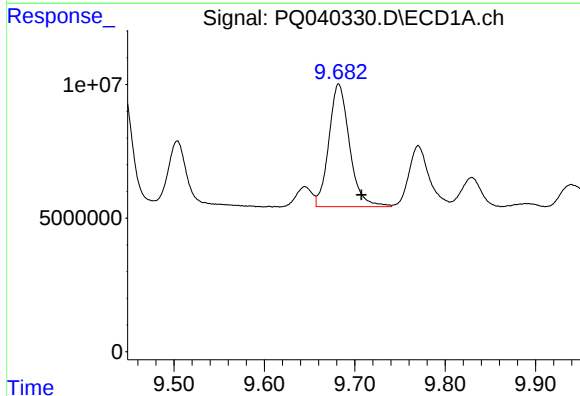
R.T.: 9.444 min
Delta R.T.: -0.023 min
Response: 64812675
Conc: 196.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MS



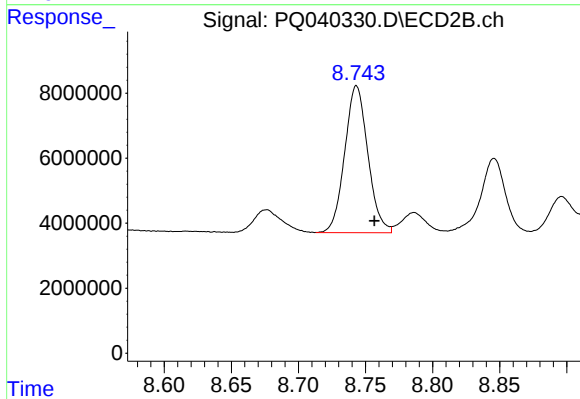
#33 AR-1260-3

R.T.: 8.247 min
Delta R.T.: -0.013 min
Response: 70408240
Conc: 219.54 ng/ml



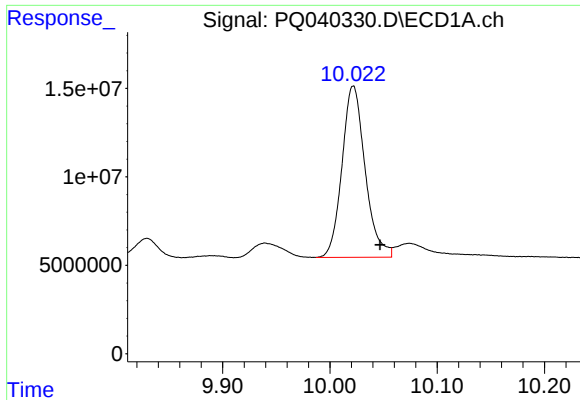
#34 AR-1260-4

R.T.: 9.682 min
Delta R.T.: -0.025 min
Response: 72893900
Conc: 197.79 ng/ml



#34 AR-1260-4

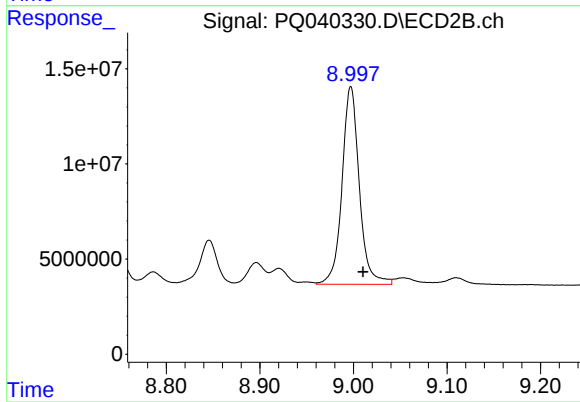
R.T.: 8.743 min
Delta R.T.: -0.013 min
Response: 54351174
Conc: 200.03 ng/ml



#35 AR-1260-5

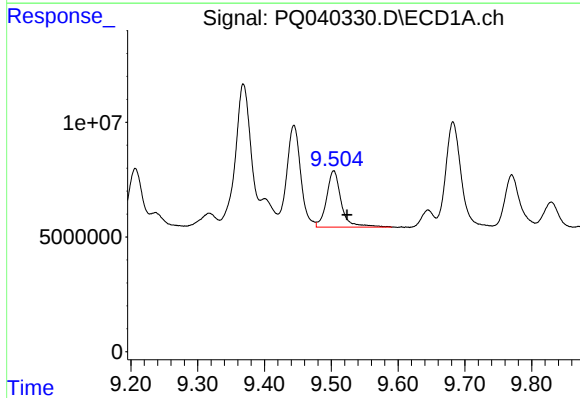
R.T.: 10.022 min
Delta R.T.: -0.025 min
Response: 145063445
Conc: 188.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MS



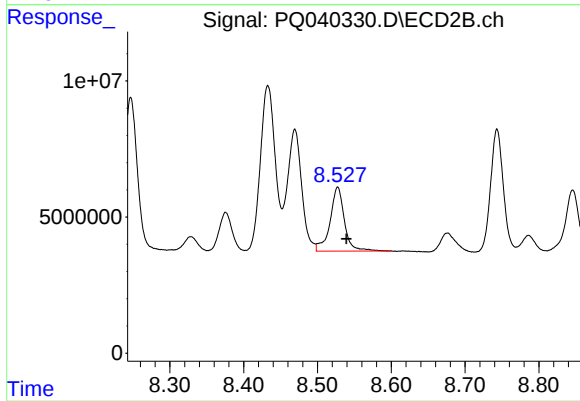
#35 AR-1260-5

R.T.: 8.997 min
Delta R.T.: -0.013 min
Response: 133332806
Conc: 198.36 ng/ml



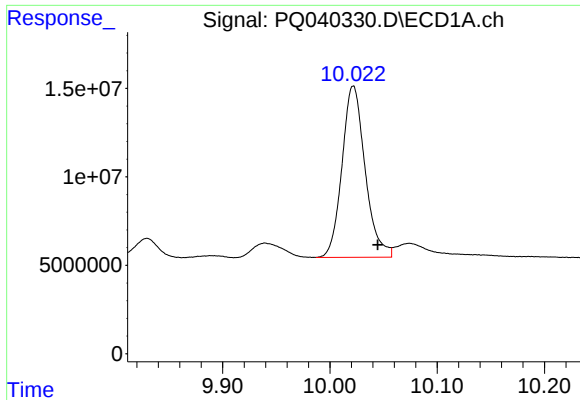
#36 AR-1262-1

R.T.: 9.504 min
Delta R.T.: -0.020 min
Response: 37189350
Conc: 267.52 ng/ml



#36 AR-1262-1

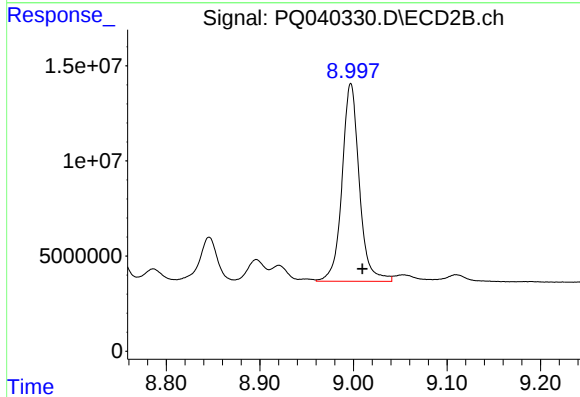
R.T.: 8.527 min
Delta R.T.: -0.012 min
Response: 31746198
Conc: 279.59 ng/ml



#37 AR-1262-2

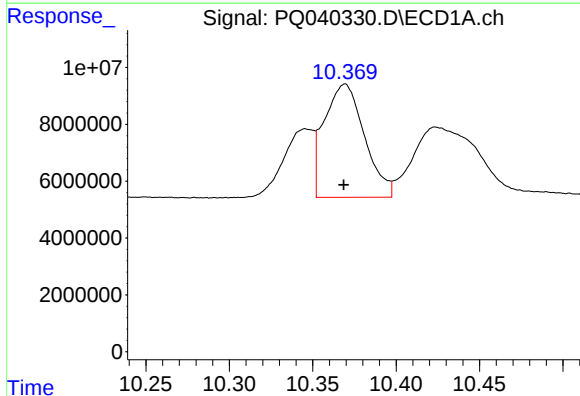
R.T.: 10.022 min
Delta R.T.: -0.023 min
Response: 145063445
Conc: 250.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MS



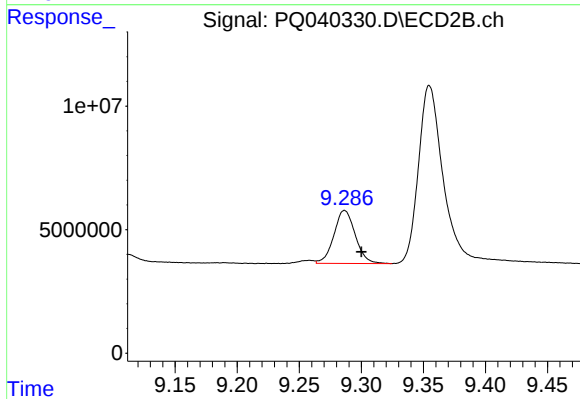
#37 AR-1262-2

R.T.: 8.997 min
Delta R.T.: -0.013 min
Response: 133332806
Conc: 268.74 ng/ml



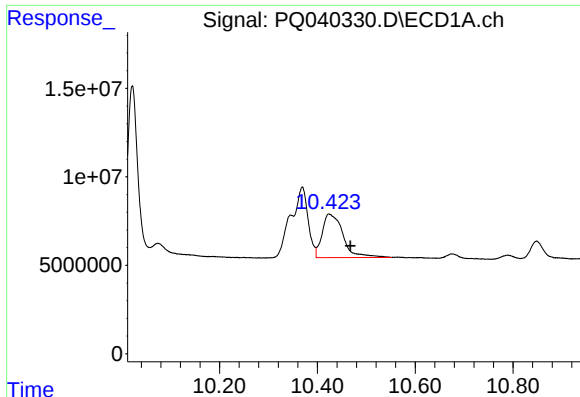
#38 AR-1262-3

R.T.: 10.369 min
Delta R.T.: 0.000 min
Response: 66665951
Conc: 157.67 ng/ml



#38 AR-1262-3

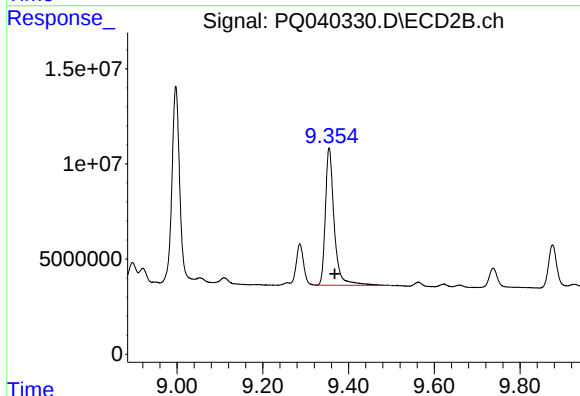
R.T.: 9.287 min
Delta R.T.: -0.014 min
Response: 25736485
Conc: 122.41 ng/ml



#39 AR-1262-4

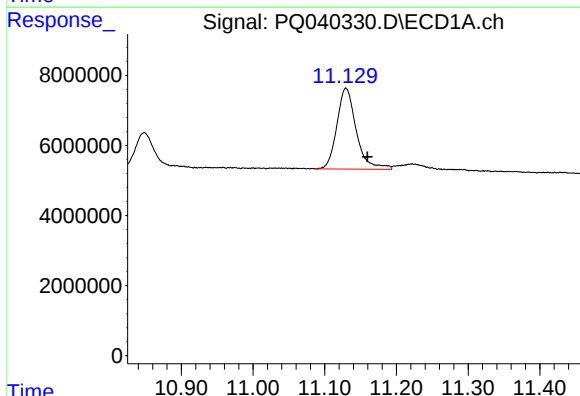
R.T.: 10.424 min
Delta R.T.: -0.043 min
Response: 72587587
Conc: 192.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MS



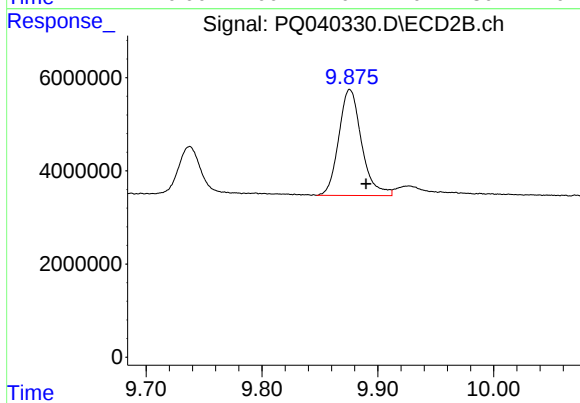
#39 AR-1262-4

R.T.: 9.355 min
Delta R.T.: -0.013 min
Response: 103721672
Conc: 273.94 ng/ml



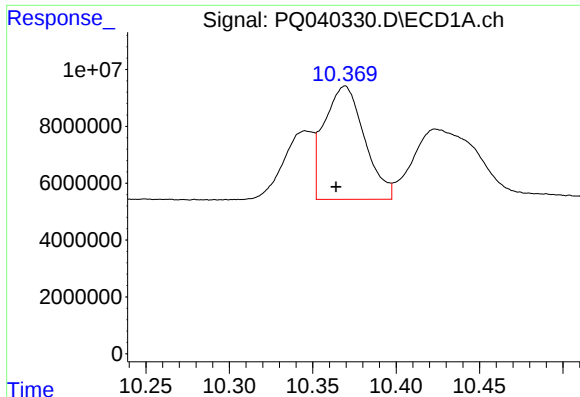
#40 AR-1262-5

R.T.: 11.130 min
Delta R.T.: -0.030 min
Response: 43246300
Conc: 184.06 ng/ml



#40 AR-1262-5

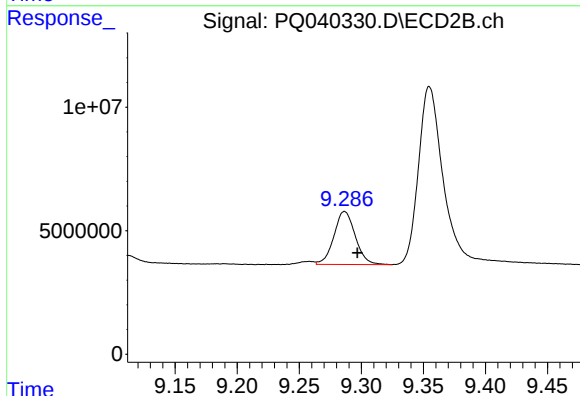
R.T.: 9.876 min
Delta R.T.: -0.014 min
Response: 31127890
Conc: 191.99 ng/ml



#41 AR-1268-1

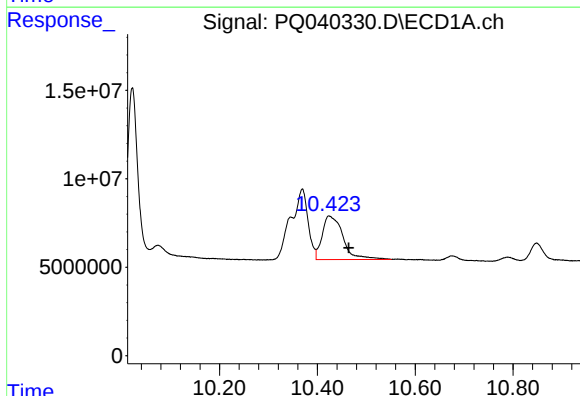
R.T.: 10.369 min
Delta R.T.: 0.005 min
Response: 66665951
Conc: 110.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MS



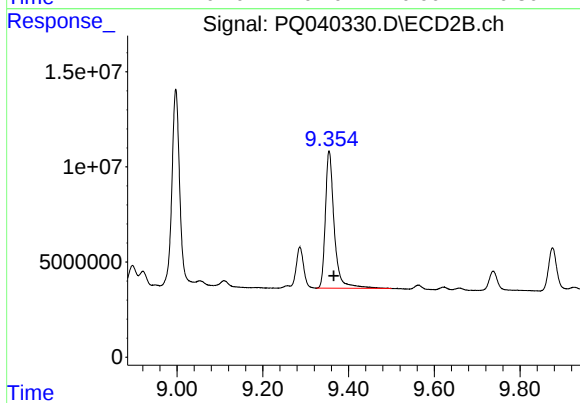
#41 AR-1268-1

R.T.: 9.287 min
Delta R.T.: -0.010 min
Response: 25736485
Conc: 56.40 ng/ml



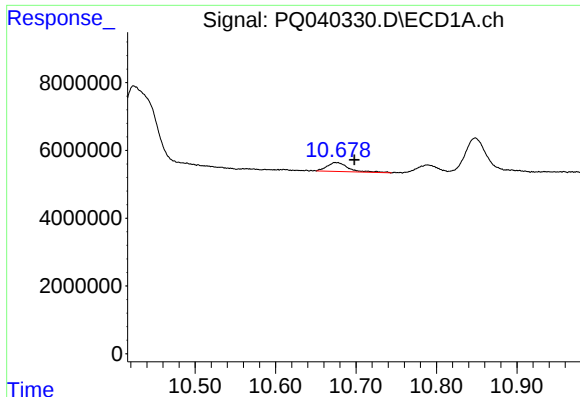
#42 AR-1268-2

R.T.: 10.424 min
Delta R.T.: -0.040 min
Response: 72587587
Conc: 117.97 ng/ml



#42 AR-1268-2

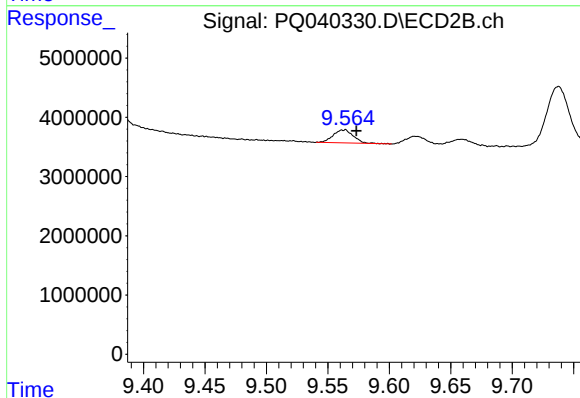
R.T.: 9.355 min
Delta R.T.: -0.011 min
Response: 103721672
Conc: 237.25 ng/ml



#43 AR-1268-3

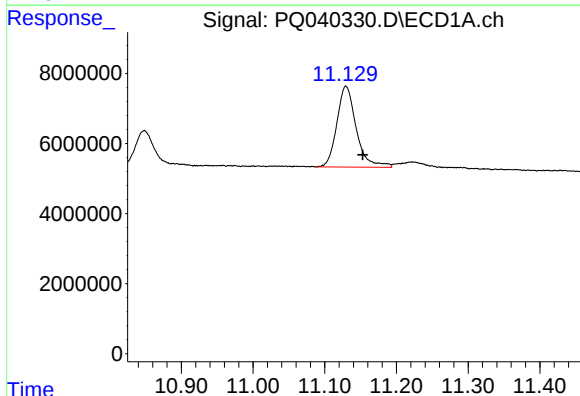
R.T.: 10.675 min
Delta R.T.: -0.023 min
Response: 4826723
Conc: 8.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MS



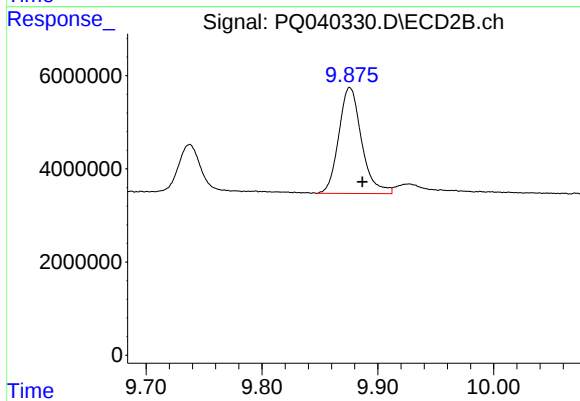
#43 AR-1268-3

R.T.: 9.563 min
Delta R.T.: -0.010 min
Response: 2525016
Conc: 6.73 ng/ml



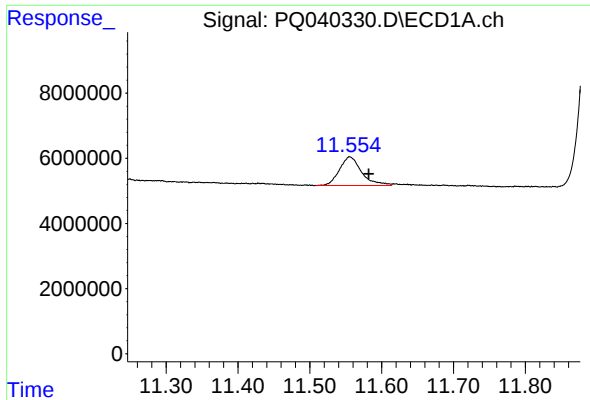
#44 AR-1268-4

R.T.: 11.130 min
Delta R.T.: -0.024 min
Response: 43246300
Conc: 212.03 ng/ml



#44 AR-1268-4

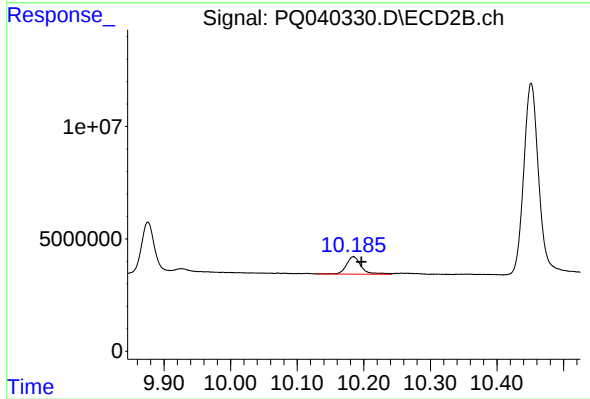
R.T.: 9.876 min
Delta R.T.: -0.011 min
Response: 31127890
Conc: 225.92 ng/ml



#45 AR-1268-5

R.T.: 11.556 min
Delta R.T.: -0.026 min
Response: 18822290
Conc: 10.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFHJ1MS



#45 AR-1268-5

R.T.: 10.184 min
Delta R.T.: -0.012 min
Response: 12138630
Conc: 10.29 ng/ml